CMPT481 Project Proposal

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ABSTRACT
Polygons and stuff

ACM Classification Keywords
H.5.2 Information Interfaces and Presentation: Miscellaneous—*Optional sub-category*

General Terms
See list of the limited ACM 16 terms in the instructions, see http://www.sheridanprinting.com/sigchi/generalterms.htm.

PROBLEM

1. Current Budgeting apps are not user friendly
2. It's tough visualize how much we're spending on what
3. It's tough to input expenses/costs, clunky interfaces and cost entry
4. Difficulties discourage people from actually tracking their expenses

However, Current Applications for budgeting are not very easy to use or very engaging. With the current applications inputting spending and seeing how you are spending your money is not as easy or quick as it could be.

(Include crappy interface photos here)

MOTIVATION

1. Want to display data clearly at a glance in a way that encourages action
2. Allow people to understand where they're using their money
3. Encourage saving money
4. Improve transparency in your budget
5. Reduce friction in inputting expenses so people actually do it.
6. Mobile friendly solution
7. Budgeting apps are only useful if people log ALL expenses, so it needs to be effortless.

SOLUTION

1. Mobile first web-app
2. Allows inputting expenses in a matter of seconds
3. Allows at a glance view of spending habits
4. 'Quick Expense' screen

Steps to Solution

1. Spec out data models
2. Create restful API for models
3. Create the Quick Expense Screen
4. Create the View Expenses screen
5. Wire up backend functionality and data-processing
6. Make it pretty
7. UI polish (e.g. animations, etc.)

EVALUATION
To evaluate how our web app works for the purpose of this class, we will compare it to a commercial application. Users will be asked to do a series of tasks then we will use a NASA tlx based questionnaire to evaluate the user experience on both applications.

1. Qualitative comparisons of ease of use vs competitors
2. Qualitative representation of how enjoyable navigating and using the app is.
3. NASA TLX, give the users tasks and evaluate there experience with NASA tlx

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